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Docket No.: 0465-1034P

Application No. 10/670,196
Amendment dated April 16, 2007
After Allowance Under 37 C.F.R. 1.312

AMENDMENTS TO THE CLAIMS

1 (PREVIOUSLY PRESENTED) A method of recording management information on a write-once optical recording medium, the recording medium including at least one temporary defect management area (TDMA) and at least one final defect management area (DMA), the method comprising:

recording, in one of the at least one TDMA, management information produced while the recording medium is in use; and

recording the latest management information included in one of the at least one TDMA, in the at least one DMA when the recording medium is to be finalized,

wherein after the recording medium is finalized, recording of data on the recording medium is not allowed.

2 (CANCELED)

3. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the recording medium is to be finalized when no more recording in a user data area of the recording medium is allowed.

4. (PREVIOUSLY PRESENTED) The method of claim 3, wherein the latest management information includes latest temporary defect list information and latest temporary disc definition structure information associated with the recording medium.

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5. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the recording medium is to be finalized when the TDMA is full and no more management information can be recorded in the TDMA.

6. (PREVIOUSLY PRESENTED) The method of claim 5, wherein the latest management information includes latest temporary defect list information and latest temporary disc definition structure information associated with the recording medium.

7. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the recording medium is to be finalized in response to a user's request.

8. (PREVIOUSLY PRESENTED) The method of claim 7, wherein the latest management information includes latest temporary defect list information and latest temporary disc definition structure information associated with the recording medium.

9. - 16. (CANCELED)

17. (ORIGINAL) The method of claim 1, wherein the recording medium is a writable-once Blu-ray disc (BD-WO).

18. (PREVIOUSLY PRESENTED) The method of claim 1, wherein the latest management information includes a status flag indicating a type of the finalization of the recording medium.

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19-25. (CANCELED)

26. (PREVIOUSLY PRESENTED) An apparatus for recording management information on a write-once optical recording medium, the recording medium including at least one temporary defect management area (TDMA) and at least one final defect management area (DMA), the apparatus comprising:

means for recording, in one of the at least one TDMA, management information produced while the recording medium is in use; and

means for recording the latest management information included in one of the at least one TDMA, in the at least one DMA when the recording medium is to be finalized,

wherein after the recording medium is finalized, it is not allowed to record data on the recording medium.

27. (CANCELED)

28. (PREVIOUSLY PRESENTED) A write-once optical recording medium for recording management information thereon, the recording medium comprising:

at least one recording layer including at least one temporary defect management area (TDMA) and at least one final defect management area (DMA) for recording,

wherein management information produced while the recording medium is in use is recorded in one of the at least one TDMA,

the latest management information included in one of the at least one TDMA is recorded in the at least one DMA when the recording medium is finalized, and

after the recording is finalized, recording of data on the recording medium is not allowed.

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29. (CANCELED)

30. (PREVIOUSLY PRESENTED) The recording medium of claim 28, wherein the recording medium is to be finalized when no more recording in a user data area of the recording medium is allowed.

31. (PREVIOUSLY PRESENTED) The recording medium of claim 30, wherein the latest management information includes latest temporary defect list information and latest temporary disc definition structure information associated with the recording medium.

32. (PREVIOUSLY PRESENTED) The recording medium of claim 28, wherein the recording medium is to be finalized when the TDMA is full and no more management information can be recorded in the TDMA.

33. (PREVIOUSLY PRESENTED) The recording medium of claim 32, wherein the latest management information includes latest temporary defect list information and latest temporary disc definition structure information associated with the recording medium.

34. (PREVIOUSLY PRESENTED) The recording medium of claim 28, wherein the recording medium is to be finalized in response to a user's request

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35. (PREVIOUSLY PRESENTED) The recording medium of claim 34, wherein the latest management information includes latest temporary defect list information and latest temporary disc definition structure information associated with the recording medium.

36 - 43. (CANCELED)

44. (ORIGINAL) The recording medium of claim 28, wherein the recording medium is a writable-once Blu-ray disc (BD-WO).

45. (PREVIOUSLY PRESENTED) The recording medium of claim 28, wherein the latest management information includes a status flag indicating a type of the finalization of the recording medium.

46-52. (CANCELED)